

|   |  |                        |             |
|---|--|------------------------|-------------|
| <b>COMBINED DECLARATION &amp; POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  |  | Attorney Docket Number | 153-02 US   |
| <input checked="" type="checkbox"/> Declaration Submitted With Initial Filing <input type="checkbox"/> Declaration Submitted After Initial Filing (37 CFR 1.16(e) Required) |  | First Named Inventor   | Robert Joly |
| <b>COMPLETE IF KNOWN</b>  |  |                        |             |
|   |  | Application Number     |             |
|   |  | Filing Date            |             |
|   |  | Group Art Unit         |             |
|   |  | Examiner Name          |             |

**As a below named inventor, I hereby declare that:**

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole Inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Optical Network With High Density, Signaled Sources at the Edge of the Network**

the specification of which

- is attached hereto OR  
 as filed on (MM/DD/YYYY) \_\_\_\_\_ as United States Application Number or PCT International Application Number \_\_\_\_\_ and was amended on (MM/DD/YYYY)

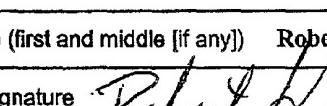
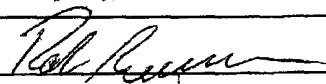
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365 (b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed     | Certified Copy Attached?                                 |
|-------------------------------------|---------|----------------------------------|--------------------------|--|
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/>        |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/>        |

Additional foreign application numbers are listed on a supplementary priority data sheet (PTO/SB/02B) attached hereto:

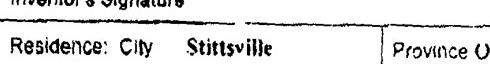
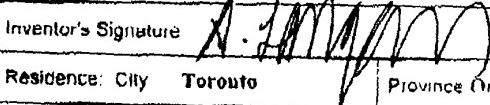
|   |                         |   |                             |
|---|-------------------------|---|-----------------------------|
| <b>COMBINED DECLARATION &amp; POWER OF ATTORNEY-<br/>Utility or Design Patent Application</b>   |                         | Attorney Docket No. 153-02 US   |                             |
| <p>I hereby appoint Practitioners at Customer Number <b>25319</b></p> <p>as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.</p> <p>Direct all correspondence to: Gordon Freedman, Reg. No. 41,553<br/>           Freedman &amp; Associates<br/>           117 Centrepointe Drive, Suite 350<br/>           Nepean, Ontario, K2G 5X3 Canada<br/>           Tel: 613-274-7272<br/>           Fax: 613-274-7414</p> <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements were made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.</p> |                         |   |                             |
| <b>NAME OF SOLE OR FIRST INVENTOR:</b>  |                         | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                             |
| Given Name (first and middle [if any]) <b>Robert</b>  |                         | Family Name or Surname <b>Joly</b>  |                             |
| Inventor's Signature   |                         | Date <b>JAN 8<sup>TH</sup>, 2002</b>  |                             |
| Residence: City <b>Stittsville</b>  | Province <b>Ontario</b> | Country <b>Canada</b>   | Citizenship <b>Canadian</b> |
| Mailing Address <b>27 Stitt Street</b>  |                         |   |                             |
| City <b>Stittsville</b>   | Province <b>Ontario</b> | Postal Code <b>K2S 1C5</b>  | Country <b>Canada</b>       |
| <b>NAME OF SECOND INVENTOR:</b>   |                         | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                             |
| Given Name (first and middle [if any]) <b>Ali</b>   |                         | Family Name or Surname <b>Langari</b>   |                             |
| Inventor's Signature  |                         | Date  |                             |
| Residence: City <b>Toronto</b>  | Province <b>Ontario</b> | Country <b>Canada</b>   | Citizenship <b>Canadian</b> |
| Mailing Address <b>211-1 Terraview Boulevard</b>  |                         |   |                             |
| City <b>Toronto</b>   | Province <b>Ontario</b> | Postal Code <b>M1R 4L5</b>  | Country <b>Canada</b>       |
| <b>NAME OF THIRD INVENTOR:</b>  |                         | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                             |
| Given Name (first and middle [if any]) <b>Rob</b>   |                         | Family Name or Surname <b>Brennan</b>   |                             |
| Inventor's Signature   |                         | Date <b>JAN. 9, 2002</b>  |                             |
| Residence: City <b>Pakenham</b>   | Province <b>Ontario</b> | Country <b>Canada</b>   | Citizenship <b>Canadian</b> |
| Mailing Address <b>Box 156 Graham Street</b>  |                         |   |                             |
| City <b>Pakenham</b>  | Province <b>Ontario</b> | Postal Code <b>K0A 2X0</b>  | Country <b>Canada</b>       |
| <input type="checkbox"/> Additional Inventors are being named on the supplemental Additional Inventors sheet PTO/SB/02A attached hereto.  |                         |   |                             |

BY: FREEDMAN;

6132747414;

JAN-9-02 12:10:

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| <b>NAME OF SOLE OR FIRST INVENTOR:</b>  |                         | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                             |
| Given Name (first and middle [if any]) <b>Robert</b>  |                         | Family Name or Surname <b>Joly</b>  |                             |
| Inventor's Signature   |                         | Date <b>Jan 09, 2002</b>  |                             |
| Residence: City <b>Stittsville</b>  | Province <b>Ontario</b> | Country <b>Canada</b>   | Citizenship <b>Canadian</b> |
| Mailing Address <b>27 Stitt Street</b>  |                         |   |                             |
| City <b>Stittsville</b>   | Province <b>Ontario</b> | Postal Code <b>K2S 1C5</b>  | Country <b>Canada</b>       |
| <b>NAME OF SECOND INVENTOR:</b>   |                         | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                             |
| Given Name (first and middle [if any]) <b>Ali</b>   |                         | Family Name or Surname <b>Langari</b>   |                             |
| Inventor's Signature   |                         | Date <b>Jan 09, 2002</b>  |                             |
| Residence: City <b>Toronto</b>  | Province <b>Ontario</b> | Country <b>Canada</b>   | Citizenship <b>Canadian</b> |
| Mailing Address <b>211-1 Terraview Boulevard</b>  |                         |   |                             |
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| <b>NAME OF THIRD INVENTOR:</b>  |                         | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                             |
| Given Name (first and middle [if any]) <b>Rob</b>   |                         | Family Name or Surname <b>Brennan</b>   |                             |
| Inventor's Signature  |                         | Date  |                             |
| Residence: City <b>Pakenham</b>   | Province <b>Ontario</b> | Country <b>Canada</b>   | Citizenship <b>Canadian</b> |
| Mailing Address <b>Box 156 Graham Street</b>  |                         |   |                             |
| City <b>Pakenham</b>  | Province <b>Ontario</b> | Postal Code <b>K0A 2X0</b>  | Country <b>Canada</b>       |
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